WEST Search History

[Hide Items] [Restore] [Clear] [Cancel]

DATE: Thursday, April 06, 2006

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
☐	L81	L80 and hash	0
☐	L80	l77 and (first near5 identifier$1) and (second near5 identifier$1)	4
☐	L79	l77 and source and target and hash and key$1 and id$	0
☐	L78	L77 and (source near5 id$) and hash	1
☐	L77	(synchroniz$4 and database$1).ti. and @py<=2004	2133
☐	L76	L73 and hash	3
☐	L75	L73 and (key$1 near5 hash)	0
☐	L74	L73 and (multiple near5 hash)	0
☐	L73	L72 and (compar$3 near5 id$)	16
☐	L72	L71 and (source near5 id$) and (target near5 id$)	74
☐	L71	(source near5 data) and (target near5 data) and synchroniz$4 and @py<=2004	2752
☐	L70	(dataset near5 identifier$1) and source and target and synchroniz$4 and hash and key$1 and @py<=2004	0
☐	L69	(dataset near5 identifer$1) and source and target and synchroniz$4	0
☐	L68	(dataset near5 identifer$1) and source and target and synchroniz$4 and hash and key$1 and @py<=2004	0
☐	L67	(source near5 id$) and (target near5 id$) and (hash near5 id$) and synchroniz$4 and @py<=2004	4
☐	L66	(data near5 table$1) same (hash near5 key$1) and synchroniz$4 and source and target and @py<=2004	6
☐	L65	(data near5 table$1) same (hash near5 key$1) and synchroniz$4 and source and target and (match$3 near5 data) and @py<=2004	0
☐	L64	(synchroniz$4 near5 primary) and (synchroniz$4 near5 secondary) and database$1 and (unique near5 id$) and hash and key$1 and @py<=2004	0
☐	L63	L62 and (compar$3 near5 id$)	5
☐	L62	L61 and (match$3 near5 data)	9
☐	L61	(synchroniz$4 near5 database$1) and (generat$3 near5 hash) and @py<=2004	20
☐	L60	L58 and ((hash near5 key$1) same id$)	0
☐	L59	L58 and ((hash near5 key$1) same (source near5 id$))	0
☐	L58	L57 and ((match$3 or compar$3) near5 id$)	103
☐	L57	L56 and (target near5 id$)	103
☐	L56	L55 and (source near5 id$)	111

☐	L55	(hash near5 key$1) and synchroniz$4 and source and target and database$1 and @py<=2004	404
☐	L54	((hash near5 key) same (source near5 database$1)) and ((target near5 database$1) same (hash near5 id$)) and synchroniz$4 and @py<=2004	0
☐	L53	L52 and ((second near5 id$) same (target near5 database$1))	0
☐	L52	(source near5 database$1) and (database$1 near5 identifier$1) and synchron$8 and @py<=2004	387
☐	L51	L50 and ((match$3 or compar$3) near5 data)	16
☐	L50	L49 and (source near5 target)	17
☐	L49	L48 and (data near5 portion$1)	54
☐	L48	L47 and (hash near5 function$1)	181
☐	L47	L44 and (hash near5 key$1)	404
☐	L46	L44 and (has near5 key$1)	6
☐	L45	(synchroniz$4 and source and target and database$1).ti. and @py<=2004	1
☐	L44	(synchroniz$4 and source and target and database$1) and @py<=2004	6423
☐	L43	L41 and updat$3 and ((source near5 target) same (data near5 table$1))	0
☐	L42	L41 and updat$3 and ((first near5 second) same (data near5 table$1))	0
☐	L41	L40 and (replac$3 near5 data) and (data near5 table$1)	23
☐	L40	(hash near5 key$1) and (hash near5 function$1) and synchroniz$4 and source and target and database$1 and @py<=2004	181
☐	L39	L38 and (multiple near5 id$)	1
☐	L38	L37 and (data near5 portion$1)	58
☐	L37	L36 and (data near5 record$1)	241
☐	L36	L35 and (hash near5 key$1)	394
☐	L35	(synchroniz$4 and hash and database$1 and source and target and match$3) and @py<=2004	1011
☐	L34	L33 and hash	0
☐	L33	L32 and (source near5 data) and (target near5 data)	8
☐	L32	'data synchronization'.ti. and @py<=2004	603
☐	L31	L30 and (transfer$3 near5 data)	3
☐	L30	L29 and (compar$3 near5 hash)	7
☐	L29	(synchroniz$4 same database$1) and (hash near5 key$1) and (hash near5 function$1) and (dataset$1 or record$1) and @py<=2004	43
☐	L28	(source near5 database$1) and (target near5 database$1) and synchroniz$4 and hash and identifieer$1 and function$1 and dataset$1 and @py<=2004	0
☐	L27	L26 and (hash near5 function$1)	17
☐	L26	L25 and (hash near5 key$1)	17
☐	L25	L24 and record$1	17
☐	L24	L23 and ((replac$3 or transfer$3) near5 source)	17
☐	L23	L22 and (compar$3 near5 hash)	17

☐	L22	(source and target and database$1 and synchroniz$4 and hash$3 and (compar$3 or match$3) and dataset$1 and record$1 and table$1 and identifier$1) and @py<=2004	79
☐	L21	5970502.uref.	13
☐	L20	L18 and hash	2
☐	L19	L18 and target and identifier$1	1
☐	L18	L17 and (source near5 database$1)	23
☐	L17	(database$1 and synchroniz$4).ti. and @py<=2004	2133
☐	L16	L15 and (hash near5 function$1)	1
☐	L15	L14 and ((compar$3 or match$3) same (source near5 target))	15
☐	L14	(source near5 database$1) and (target near5 database$1) and synchroniz$4 and hash and function$1 and identifier$1 and @py<=2004	32
☐	L13	L12 and target and source	4
☐	L12	L11 and (hash near5 function$1)	10
☐	L11	(primary near5 database$1) and (secondary near5 database$1) and synchroniz$4 and identifier$1 and hash and @py<=2004	19
☐	L10	L6 and resynchroniz$4	1
☐	L9	L6 and resynchronization	0
☐	L8	L6 and log$1 and (time near5 stamp$3)	2
☐	L7	L6 and log$1 and periodically	0
☐	L6	L5 and database$1	23
☐	L5	(hash near5 key$1) and (hash near5 function$1) and synchroniz$4 and dataset$1 and copy and updat$3 and @py<=2004	23
☐	L4	L3 and hash	0
☐	L3	(primary near5 dataset$1) and (secondary near5 dataset$1) and synchroniz$4 and @py<=2004	18
☐	L2	(primary near5 dataset$1) and (secondary near5 dataset$1) and synchroniz$4 and (hash near5 key$1) and copy$3 and match$3 and identifier$1 and (hash near5 function$1) and @py<=2004	0
☐	L1	(multiple near5 database$1) and (synchroniz$4 near5 database$1) and (primary near5 database$1) and (secondary near5 database$1) and copy and re$synchroniz$4 and @py<=2004	10

END OF SEARCH HISTORY

P@RTAL
USPTO

Search: ⊙ The ACM Digital Library   ○ The Guide

synchronisation databases   SEARCH

THE ACM DIGITAL LIBRARY

ℱ Feedback Report a problem Satisfaction survey

Terms used **synchronisation databases**   Found **35,750** of **171,143**

Sort results by	relevance ▼	◆ Save results to a Binder
Display results	expanded form ▼	② Search Tips ☐ Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next
Best 200 shown   Relevance scale ☐ ▭ ▬ ◼ ◼

1 Transaction synchronization in multiresolation spatial databases ◼

Eleanna Kafeza, Vasilis Delis, Thanasis Hadzilacos
November 1996 **Proceedings of the 4th ACM international workshop on Advances in geographic information systems**
Publisher: ACM Press
Full text available: 🔲 pdf(928.14 KB)   Additional Information: full citation, references, index terms

2 Anticipatory scheduling: a disk scheduling framework to overcome deceptive idleness ◼ in synchronous I/O

Sitaram Iyer, Peter Druschel
October 2001 **ACM SIGOPS Operating Systems Review , Proceedings of the eighteenth ACM symposium on Operating systems principles SOSP '01**, Volume 35 Issue 5
Publisher: ACM Press

Full text available: 🔲 pdf(1.61 MB)   Additional Information: full citation, abstract, references, citings, index terms

Disk schedulers in current operating systems are generally work-conserving, i.e., they schedule a request as soon as the previous request has finished. Such schedulers often require multiple outstanding requests from each process to meet system-level goals of performance and quality of service. Unfortunately, many common applications issue disk read requests in a synchronous manner, interspersing successive requests with short periods of computation. The scheduler chooses the next request too ea ...

3 Using Handheld Devices in Synchronous Collaborative Scenarios ◼

Jörg Roth, Claus Unger
January 2001 **Personal and Ubiquitous Computing**, Volume 5 Issue 4
Publisher: Springer-Verlag
Full text available: 🔲 pdf(284.67 KB)   Additional Information: full citation, abstract, index terms

In this paper we present a platform specially designed for groupware applications running on handheld devices. Common groupware platforms request desktop computers as underlying hardware platforms. The fundamentally different nature of handheld devices has a great impact on the platform, e.g. resource limitations have to be considered, the network is slow and unstable. Often, personal data are stored on handheld devices, thus mechanisms have to ensure privacy. These considerations led to the Qui ...

4 Industrial session: potpourri: Getting priorities straight: improving Linux support for database I/O   ■

Christoffer Hall, Philippe Bonnet

August 2005 **Proceedings of the 31st international conference on Very large data bases VLDB '05**

Publisher: VLDB Endowment

Full text available: 📄 pdf(349.39 KB)   Additional Information: full citation, abstract, references, index terms

The Linux 2.6 kernel supports asynchronous I/O as a result of propositions from the database industry. This is a positive evolution but is it a panacea? In the context of the Badger project, a collaboration between MySQL AB and University of Copenhagen, we evaluate how MySQL/InnoDB can best take advantage of Linux asynchronous I/O and how Linux can help MySQL/InnoDB best take advantage of the underlying I/O bandwidth. This is a crucial problem for the increasing number of MySQL servers deployed ...

5 Characterization of database access pattern for analytic prediction of buffer hit probability   ■

Asit Dan, Philip S. Yu, Jen Yao Chung

January 1995 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 4 Issue 1

Publisher: Springer-Verlag New York, Inc.

Full text available: 📄 pdf(1.56 MB)   Additional Information: full citation, abstract, references, citings

The analytic prediction of buffer hit probability, based on the characterization of database accesses from real reference traces, is extremely useful for workload management and system capacity planning. The knowledge can be helpful for proper allocation of buffer space to various database relations, as well as for the management of buffer space for a mixed transaction and query environment. Access characterization can also be used to predict the buffer invalidation effect in a multi-node enviro ...

Keywords: access skew, analytic prediction, database access characterization, reference trace, sequential access, workload management

6 Consistency guarantees: exploiting application semantics for consistency management in a collaboration toolkit   ■

Paul Dourish

November 1996 **Proceedings of the 1996 ACM conference on Computer supported cooperative work**

Publisher: ACM Press

Full text available: 📄 pdf(1.30 MB)   Additional Information: full citation, references, citings, index terms

Keywords: CSCW toolkits, Prospero, application control, consistency guarantees, consistency management

7 A new approach to developing and implementing eager database replication protocols   ■

Bettina Kemme, Gustavo Alonso

September 2000 **ACM Transactions on Database Systems (TODS)**, Volume 25 Issue 3

Publisher: ACM Press

Full text available: 📄 pdf(449.43 KB)   Additional Information: full citation, abstract, references, citings, index terms, review

Database replication is traditionally seen as a way to increase the availability and

performance of distributed databases. Although a large number of protocols providing data consistency and fault-tolerance have been proposed, few of these ideas have ever been used in commercial products due to their complexity and performance implications. Instead, current products allow inconsistencies and often resort to centralized approaches which eliminates some of the advantages of replication. As an ...

Keywords: database replication, fault-tolerance, group communication, isolation levels, one-copy-serializability, replica control, total error multicast

8 CARAT: a testbed for the performance evaluation of distributed database systems
Walt Kohler, Bao-Chyuan Jenq
November 1986 **Proceedings of 1986 ACM Fall joint computer conference**
Publisher: IEEE Computer Society Press
Full text available: pdf(1.21 MB)   Additional Information: full citation, references, citings, index terms

9 Context-sensitive mobile database summarisation
Darin Chan, John F. Roddick
February 2003 **Proceedings of the twenty-sixth Australasian computer science conference on Conference in research and practice in information technology - Volume 16 CRIPTS '03**
Publisher: Australian Computer Society, Inc.
Full text available: pdf(265.23 KB) Additional Information: full citation, abstract, references, index terms

In mobile computing environments, as a result of the reduced capacity of local storage, it is commonly not feasible to replicate entire datasets on each mobile unit. In addition, reliable, secure and economical access to central servers is not always possible. Moreover, since mobile computers are designed to be portable, they are also physically small and thus often unable to hold or process the large amounts of data held in centralised databases. As many systems are only as useful as the data t ...

10 Managing periodically updated data in relational databases: a stochastic modeling approach
Avigdor Gal, Jonathan Eckstein
November 2001 **Journal of the ACM (JACM)**, Volume 48 Issue 6
Publisher: ACM Press
Full text available: pdf(466.73 KB)   Additional Information: full citation, abstract, references, index terms

Recent trends in information management involve the periodic transcription of data onto secondary devices in a networked environment, and the proper scheduling of these transcriptions is critical for efficient data management. To assist in the scheduling process, we are interested in modeling *data obsolescence*, that is, the reduction of consistency over time between a relation and its replica. The modeling is based on techniques from the field of stochastic processes, and provides several ...

Keywords: Data obsolescence, database replication management, obsolescence cost, stochastic modeling

11 Timer-driven database triggers and alerters: semantics and a challenge
Eric N. Hanson, Lloyd X. Noronha
December 1999 **ACM SIGMOD Record**, Volume 28 Issue 4
Publisher: ACM Press
Full text available: pdf(534.69 KB)   Additional Information: full citation, abstract, citings, index terms

This paper proposes a simple model for a timer-driven triggering and alerting system. Such a system can be used with relational and object-relational databases systems. Timer-driven trigger systems have a number of advantages over traditional trigger systems that test trigger conditions and run trigger actions in response to update events. They are relatively easy to implement since they can be built using a middleware program that simply runs SQL statements against a DBMS. Also, they can c ...

12 Supporting collaborative writing of hyperdocuments in SEPIA

Jörg M. Haake, Brian Wilson

December 1992 **Proceedings of the 1992 ACM conference on Computer-supported cooperative work**

Publisher: ACM Press

Full text available: pdf(1.13 MB)   Additional Information: full citation, references, citings, index terms

Keywords: CSCW, collaborative writing, hypertext, hypertext authoring, modes of collaboration

13 Resource sharing for replicated synchronous groupware

James Begole, Randall B. Smith, Craig A. Struble, Clifford A. Shaffer

December 2001 **IEEE/ACM Transactions on Networking (TON)**, Volume 9 Issue 6

Publisher: IEEE Press

Full text available: pdf(352.19 KB)   Additional Information: full citation, abstract, references, citings, index terms

We describe problems associated with accessing data resources external to the application, which we term *externalities*, in replicated synchronous collaborative applications. Accessing externalities such as files, databases, network connections, environment variables, and the system clock is not as straightforward in replicated collaborative software as in single-user applications or centralized collaborative systems. We describe *ad hoc* solutions that add to development cost and com ...

Keywords: Collaborative work, concurrency control, distributed computing, file servers, object-oriented programming, software

14 Applications: A visual interface for synchronous collaboration and negotiated transactions

Lutz Wegner, Manfred Paul, Jens Thamm, Sven Thelemann

May 1996 **Proceedings of the workshop on Advanced visual interfaces**

Publisher: ACM Press

Full text available: pdf(2.43 MB)   Additional Information: full citation, abstract, references

This paper introduces a visual interface for computer-supported cooperative work (CSCW). The interface is an extension of the editor interface of ESCHER, a prototype database system based on the extended non-first-normal-form data model. In ESCHER, the nested table approach is the paradigm for presenting data, where presenting includes browsing, editing and querying the database. Interaction is achieved by fingers generalising the well-known cursor concept. When several users a ...

15 Database method schemas and object creation

Karl Denninghoff, Victor Vianu

August 1993 **Proceedings of the twelfth ACM SIGACT-SIGMOD-SIGART symposium on Principles of database systems**

Publisher: ACM Press

Full text available: 📄 pdf(1.14 MB)   Additional Information: full citation, abstract, references, citings, index terms

The expressiveness of various object-oriented languages is investigated with respect to their ability to create new objects. We focus on database method schemas (dms), a model capturing the data manipulation capabilities of a large class of deterministic methods in object-oriented databases. The results clarify the impact of various language constructs on object creation. Several new constructs based on expanded notions of deep equality are introduced. In particular, we provide a tractable ...

16 DeeDS towards a distributed and active real-time database system   ■

S. F. Andler, J. Hansson, J. Eriksson, J. Mellin, M. Berndtsson, B. Eftring
March 1996 **ACM SIGMOD Record**, Volume 25 Issue 1

Publisher: ACM Press

Full text available: 📄 pdf(310.18 KB)   Additional Information: full citation, citings

17 Performance evaluation of extended storage architectures for transaction processing ■

Erhard Rahm
June 1992 **ACM SIGMOD Record , Proceedings of the 1992 ACM SIGMOD international conference on Management of data SIGMOD '92**, Volume 21 Issue 2

Publisher: ACM Press

Full text available: 📄 pdf(1.47 MB)   Additional Information: full citation, abstract, references, citings, index terms

The use of non-volatile semiconductor memory within an extended storage hierarchy promises significant performance improvements for transaction processing. Although page-addressable semiconductor memories like extended memory, solid-state disks and disk caches are commercially available since several years, no detailed investigation of their use for transaction processing has been performed so far. We present a comprehensive simulation study that compares the performance of these storage ty ...

18 Toolkit for shared hypermedia on a distributed object oriented architecture   ■

Rajiv Trehan, Nobuyuki Sawashima, Koji Yamaguchi, Koichi Hasebe
September 1993 **Proceedings of the first ACM international conference on Multimedia**

Publisher: ACM Press

Full text available: 📄 pdf(61.10 KB)   Additional Information: full citation, references, index terms

19 Applications of Byzantine agreement in database systems   ■

Hector Garcia Molina, Frank Pittelli, Susan Davidson
March 1986 **ACM Transactions on Database Systems (TODS)**, Volume 11 Issue 1

Publisher: ACM Press

Full text available: 📄 pdf(1.26 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

In this paper we study when and how B Byzantine agreement protocol can he used in general-purpose database management systems. We present an overview of the failure model used for Byzantine agreement, and of the protocol itself. We then present correctness criteria for database processing in this failure environment and discuss strategies for satisfying them. In doing this, we present new failure models for input/output nodes and study ways to distribute input transactions to processing nod ...

20 Database replication with Slony-I

Ludovic Marcotte
June 2005 **Linux Journal**, Volume 2005 Issue 134
Publisher: Specialized Systems Consultants, Inc.
Full text available: [📷] html(22.00 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>index terms</u>

> Move up to a highly available cluster without leaving behind the open-source database you trust.

Results 1 - 20 of 200   Result page: **1**   <u>2</u>   <u>3</u>   <u>4</u>   <u>5</u>   <u>6</u>   <u>7</u>   <u>8</u>   <u>9</u>   <u>10</u>   <u>next</u>

P❂RTAL
USPTO

Search: ⦿ The ACM Digital Library   ○ The Guide

target synchronisation databases   **SEARCH**

THE ACM DIGITAL LIBRARY

▪ Feedback Report a problem Satisfaction survey

Terms used **target synchronisation databases**   Found **18,977** of **171,143**

Sort results by   [relevance ▽]   ❤ Save results to a Binder   Try an Advanced Search
Display results   [expanded form ▽]   ? Search Tips   Try this search in The ACM Guide
                                        ☐ Open results in a new window

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next
Best 200 shown   Relevance scale ☐ ◱ ◩ ◼ ■

1 Case study of object-oriented software development   ■

Dennis de Champeaux, Al Anderson, Ed Feldhousen
October 1992 **ACM SIGPLAN Notices , conference proceedings on Object-oriented programming systems, languages, and applications OOPSLA '92**, Volume 27 Issue 10
Publisher: ACM Press
Full text available: 📄 pdf(1.71 MB)   Additional Information: full citation, references, index terms

2 Global change master directory: object-oriented active asynchronous transaction   ■
management in a federated environment using data agents
Zina Ben Miled, Srinivasan Sikkupparbathyam, Omran Bukhres, Kishan Nagendra, Eric Lynch, Marcelo Areal, Lola Olsen, Chris Gokey, David Kendig, Tom Northcutt, Rosy Cordova, Gene Major, Nanine Savage
March 2001 **Proceedings of the 2001 ACM symposium on Applied computing**
Publisher: ACM Press
Full text available: 📄 pdf(185.55 KB)   Additional Information: full citation, references, index terms

Keywords: JDBC, Java, RMI, World Wide Web, XML, asynchronous, component, distributed, distributed object management, global transaction management, interface, interoperability, object-oriented

3 A formal approach to component based development of synchronous programs   ■

Partha S. Roop, A. Sowmya, S. Ramesh
January 2001 **Proceedings of the 2001 conference on Asia South Pacific design automation**
Publisher: ACM Press
Full text available: 📄 pdf(210.46 KB)   Additional Information: full citation, abstract, references, citings, index terms

Synchronous languages may be used for specification and design of embedded systems. Assuming the availability of a library of synchronous programs, we propose a technique to enable reuse of these programs, via an algorithm for automatic matching of a design function to a program from the library. The algorithm, when successful, generates an interface which automatically adapts the program. The algorithm is based on a new

simulation relation called synchronous forced simulation, which is sho ...

4 Computing the performability of layered distributed systems with a management architecture

Olivia Das, C. Murray Woodside

January 2004 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 4th international workshop on Software and performance WOSP '04**, Volume 29 Issue 1

Publisher: ACM Press

Full text available: pdf(942.77 KB)   Additional Information: full citation, abstract, references

This paper analyzes the performability of client-server applications that use a separate fault management architecture for monitoring and controlling of the status of the application software and hardware. The analysis considers the impact of the management components and connections, and their reliability, on performability. The approach combines minpath algorithms, Layered Queueing analysis and non-coherent fault tree analysis techniques for efficient computation of expected reward rate of the ...

Keywords: distributed systems, layered queueing networks, non-coherent fault trees, performability, system fault-tolerance

5 A multi-service storage architecture

Jean Bacon, Ken Moody, Sue Thomson, Tim Wilson

October 1991 **ACM SIGOPS Operating Systems Review**, Volume 25 Issue 4

Publisher: ACM Press

Full text available: pdf(1.27 MB)   Additional Information: full citation, abstract, index terms

This paper gives an overview of a new Multi Service Storage Architecture (MSSA) which has been designed for a broader range of clients than traditional file servers and in particular for emerging clients such as real-time multimedia applications.The proposed architecture is an open hierarchy of services in which both unstructured and structured data are supported. Any client which requires high performance and a minimal service can use the lowest level directly. A principal-specific capability s ...

6 Higher-order distributed objects

Henry Cejtin, Suresh Jagannathan, Richard Kelsey

September 1995 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 17 Issue 5

Publisher: ACM Press

Full text available: pdf(2.33 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

We describe a distributed implementation of Scheme that permits efficient transmission of higher-order objects such as closures and continuations. The integration of distributed communication facilities within a higher-order programming language engenders a number of new abstractions and paradigms for distributed computing. Among these are user-specified load-balancing and migration policies for threads, incrementally linked distributed computations, and parameterized client-server applicat ...

Keywords: concurrency, continuations, higher-order languages, message-passing

7 The need for distributed asynchronous transactions

Lyman Do, Prabhu Ram, Pamela Drew

June 1999 **ACM SIGMOD Record , Proceedings of the 1999 ACM SIGMOD international conference on Management of data SIGMOD '99**, Volume 28 Issue 2

Publisher: ACM Press

Full text available: pdf(262.30 KB)   Additional Information: full citation, abstract, references, citings, index terms

> The theme of the paper is to promote research on asynchronous transactions. We discuss our experience of executing synchronous transactions on a large distributed production system in The Boeing Company. Due to the poor performance of synchronous transactions in our environment, it motivated the exploration of asynchronous transactions as an alternate solution. This paper presents the requirements and benefits/limitations of asynchronous transactions. Open issues related to large scale depl ...

8 Semantic extensions of XML for advanced applications ◼

Kazumasa Yokota, Takeo Kunishima, Bojiang Liu

January 2001 **Australian Computer Science Communications , Proceedings of the workshop on Information technology for virtual enterprises ITVE '01 , Proceedings of the workshop on Information technology for virtual enterprises ITVE '01**, Volume 23 Issue 6

Publisher: IEEE Computer Society , IEEE Computer Society , IEEE Computer Society Press

Full text available: pdf(830.05 KB)
Publisher Site   Additional Information: full citation, abstract, references

> XML is a *de facto* standard for structuring documents and their exchange in electronic forms. However it has many restrictions to represent various information from viewpoints of data-centered applications. Set and tuple constructors are useful for defining data structure, and identities and user views are indispensable for sharing common data, while XML, even with XML Schema[16], does not support such features.In this paper, we propose an approach to semantic extensions of XML by introduc ...

9 Towards on-line analytical mining in large databases ◼

Jiawei Han

March 1998 **ACM SIGMOD Record**, Volume 27 Issue 1

Publisher: ACM Press

Full text available: pdf(387.04 KB)   Additional Information: full citation, abstract, citings, index terms

> Great efforts have been paid in the Intelligent Database Systems Research Lab for the research and development of efficient data mining methods and construction of on-line analytical data mining systems.Our work has been focused on the integration of data mining and OLAP technologies and the development of scalable, integrated, and multiple data mining functions. A data mining system, DBMiner, has been developed for interactive mining of multiple-level knowledge in large relational databases and ...

10 Detecting implied scenarios in message sequence chart specifications ◼

Sebastian Uchitel, Jeff Kramer, Jeff Magee

September 2001 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 8th European software engineering conference held jointly with 9th ACM SIGSOFT international symposium on Foundations of software engineering ESEC/FSE-9**, Volume 26 Issue 5

Publisher: ACM Press

Full text available: pdf(292.86 KB)   Additional Information: full citation, abstract, references, citings, index terms, review

> Scenario-based specifications such as Message Sequence Charts (MSCs) are becoming increasingly popular as part of a requirements specification. Scenario describe how system components, the environment and users work concurrently and interact in order to provide system level functionality. Each scenario is a partial story which, when combined with other scenarios, should conform to provide a complete system description. However, although it is possible to build a set of components such that each ...

Keywords: FSP, LTSA, implementability, labelled transition systems, message sequence charts, synthesis

11 Analysis of gestures in face-to-face design teams provides guidance for how to use groupware in design
Mathilde M. Bekker, Judith S. Olson, Gary M. Olson
August 1995 **Proceedings of the conference on Designing interactive systems: processes, practices, methods, & techniques**
Publisher: ACM Press
Full text available: pdf(902.99 KB)   Additional Information: full citation, references, citings, index terms

12 Special issue on persistent object systems: Orthogonally persistent object systems
Malcolm Atkinson, Ronald Morrison
July 1995 **The VLDB Journal — The International Journal on Very Large Data Bases,**
Volume 4 Issue 3
Publisher: Springer-Verlag New York, Inc.
Full text available: pdf(5.02 MB)   Additional Information: full citation, abstract, references, citings

Persistent Application Systems (PASs) are of increasing social and economic importance. They have the potential to be long-lived, concurrently accessed, and consist of large bodies of data and programs. Typical examples of PASs are CAD/CAM systems, office automation, CASE tools, software engineering environments, and patient-care support systems in hospitals. Orthogonally persistent object systems are intended to provide improved support for the design, construction, maintenance, and operation o ...

Keywords: database programming languages, orthogonal persistence, persistent application systems, persistent programming languages

13 Applications: A visual interface for synchronous collaboration and negotiated transactions
Lutz Wegner, Manfred Paul, Jens Thamm, Sven Thelemann
May 1996 **Proceedings of the workshop on Advanced visual interfaces**
Publisher: ACM Press
Full text available: pdf(2.43 MB)   Additional Information: full citation, abstract, references

This paper introduces a visual interface for computer-supported cooperative work (CSCW). The interface is an extension of the editor interface of ESCHER, a prototype database system based on the extended non-first-normal-form data model. In ESCHER, the nested table approach is the paradigm for presenting data, where presenting includes browsing, editing and querying the database. Interaction is achieved by fingers generalising the well-known cursor concept. When several users a ...

14 SQLator: an online SQL learning workbench
Shazia Sadiq, Maria Orlowska, Wasim Sadiq, Joe Lin
June 2004 **ACM SIGCSE Bulletin , Proceedings of the 9th annual SIGCSE conference on Innovation and technology in computer science education ITiCSE '04,**
Volume 36 Issue 3
Publisher: ACM Press
Full text available: pdf(437.00 KB)   Additional Information: full citation, abstract, references, index terms

SQL (Structured Query Language) is one of the essential topics in foundation databases courses in higher education. Due to its apparent simple syntax, learning to use the full

power of SQL can be a very difficult activity. In this paper, we introduce SQLator, which is a web-based interactive tool for learning SQL. SQLator's key function is the evaluate function, which allows a user to evaluate the correctness of his/her query formulation. The evaluate engine is based on complex heuristic algorit ...

Keywords: SQL query equivalence, learning SQL, web-based learning

15 Requirements analysis: Negative scenarios for implied scenario elicitation

Sebastian Uchitel, Jeff Kramer, Jeff Magee
November 2002 **Proceedings of the 10th ACM SIGSOFT symposium on Foundations of software engineering**

Publisher: ACM Press

Full text available: pdf(360.91 KB)   Additional Information: full citation, abstract, references, citings, index terms

Scenario-based specifications such as Message Sequence Charts (MSCs) are popular for requirement elicitation and specification. MSCs describe two distinct aspects of a system: on the one hand they provide examples of intended system behaviour and on the other they outline the system architecture. A mismatch between architecture and behaviour may give rise to implied scenarios. Implied scenarios occur because a component's local view of the system state is insufficient to enforce specified system ...

Keywords: MSC, implied scenarios, negative scenarios

16 Session 7: requirements analysis: Negative scenarios for implied scenario elicitation

Sebastian Uchitel, Jeff Kramer, Jeff Magee
November 2002 **ACM SIGSOFT Software Engineering Notes**, Volume 27 Issue 6

Publisher: ACM Press

Full text available: pdf(1.16 MB)   Additional Information: full citation, abstract, references, index terms

Scenario-based specifications such as Message Sequence Charts (MSCs) are popular for requirement elicitation and specification. MSCs describe two distinct aspects of a system: on the one hand they provide examples of intended system behaviour and on the other they outline the system architecture. A mismatch between architecture and behaviour may give rise to implied scenarios. Implied scenarios occur because a component's local view of the system state is insufficient to enforce specified system ...

Keywords: MSC, implied scenarios, negative scenarios

17 Query evaluation techniques for large databases

Goetz Graefe
June 1993 **ACM Computing Surveys (CSUR)**, Volume 25 Issue 2

Publisher: ACM Press

Full text available: pdf(9.37 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

Database management systems will continue to manage large data volumes. Thus, efficient algorithms for accessing and manipulating large sets and sequences will be required to provide acceptable performance. The advent of object-oriented and extensible database systems will not solve this problem. On the contrary, modern data models exacerbate the problem: In order to manipulate large sets of complex objects as efficiently as today's database systems manipulate simple records, query-processi ...

Keywords: complex query evaluation plans, dynamic query evaluation plans, extensible

database systems, iterators, object-oriented database systems, operator model of parallelization, parallel algorithms, relational database systems, set-matching algorithms, sort-hash duality

18 Mu3D: a causal consistency protocol for a collaborative VRML editor

Ricardo Galli, Yuhua Luo

February 2000 **Proceedings of the fifth symposium on Virtual reality modeling language (Web3D-VRML)**

Publisher: ACM Press

Full text available: pdf(614.28 KB)   Additional Information: full citation, abstract, references, citings, index terms

This paper describes the implementation of the Mu3D application protocol and consistency control mechanisms to allow the collaborative editing of CAD design. The collaborative editor (M3D editor) developed by us is VRML compliant. The editor has been used as a base for the European Esprit project No. 26287 - M3D and the Spanish project TEL 96-0544/CODI for Cooperative CAD applications.In our system, only the changes to local databases are transmitted to other collaborative sessio ...

Keywords: CAD, VRML, architecture, distributed virtual environments, multicasting

19 Anticipatory scheduling: a disk scheduling framework to overcome deceptive idleness in synchronous I/O

Sitaram Iyer, Peter Druschel

October 2001 **ACM SIGOPS Operating Systems Review , Proceedings of the eighteenth ACM symposium on Operating systems principles SOSP '01**, Volume 35 Issue 5

Publisher: ACM Press

Full text available: pdf(1.61 MB)   Additional Information: full citation, abstract, references, citings, index terms

Disk schedulers in current operating systems are generally work-conserving, i.e., they schedule a request as soon as the previous request has finished. Such schedulers often require multiple outstanding requests from each process to meet system-level goals of performance and quality of service. Unfortunately, many common applications issue disk read requests in a synchronous manner, interspersing successive requests with short periods of computation. The scheduler chooses the next request too ea ...

20 Short papers: speech- and vision-based interfaces: Generating semantic contexts from spoken conversation in meetings

Jürgen Ziegler, Zoulfa El Jerroudi, Karsten Böhm

January 2005 **Proceedings of the 10th international conference on Intelligent user interfaces**

Publisher: ACM Press

Full text available: pdf(199.79 KB)   Additional Information: full citation, abstract, references, index terms

SemanticTalk is a tool for supporting face-to-face meetings and discussions by automatically generating a semantic context from spoken conversations. We use speech recognition and topic extraction from a large terminological database to create a network of discussion topics in real-time. This network includes concepts explicitly addressed in the discussion as well as semantically associated terms, and is visualized to increase conversational awareness and creativity in the group.

Keywords: conversational awareness, intelligent assistance, real-time speech-recognition, semantic context

Results 1 - 20 of 200   Result page: **1** <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u>   <u>next</u>

Useful downloads: <u>Adobe Acrobat</u>   <u>QuickTime</u>   <u>Windows Media Player</u>   <u>Real Player</u>

P⊛RTAL

USPTO

Search: ⊙ The ACM Digital Library   ○ The Guide

hash key synchronisation databases | **SEARCH**

THE ACM DIGITAL LIBRARY

■← Feedback Report a problem Satisfaction survey

Terms used **hash key synchronisation databases**   Found **28,411** of **171,143**

Sort results by	relevance ▽	❤ Save results to a Binder
Display results	expanded form ▼	☐ Search Tips ☐ Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next
Best 200 shown   Relevance scale ☐⊟⊟■■

1 Query evaluation techniques for large databases   ,   ■

Goetz Graefe
June 1993 **ACM Computing Surveys (CSUR)**, Volume 25 Issue 2
Publisher: ACM Press

Full text available: 🗎 pdf(9.37 MB) ·   Additional Information: full citation, abstract, references, citings, index terms, review

Database management systems will continue to manage large data volumes. Thus, efficient algorithms for accessing and manipulating large sets and sequences will be required to provide acceptable performance. The advent of object-oriented and extensible database systems will not solve this problem. On the contrary, modern data models exacerbate the problem: In order to manipulate large sets of complex objects as efficiently as today's database systems manipulate simple records, query-processi ...

Keywords: complex query evaluation plans, dynamic query evaluation plans, extensible database systems, iterators, object-oriented database systems, operator model of parallelization, parallel algorithms, relational database systems, set-matching algorithms, sort-hash duality

2 TID hash joins   ■

Robert Marek, Erhard Rahm
November 1994 **Proceedings of the third international conference on Information and knowledge management**
Publisher: ACM Press
Full text available: 🗎 pdf(1.13 MB)   Additional Information: full citation, references, index terms

3 Special issue on prototypes of deductive database systems: The aditi deductive   ■
database system

Jayen Vaghani, Kotagiri Ramamohanarao, David B. Kemp, Zoltan Somogyi, Peter J. Stuckey, Tim S. Leask, James Harland
April 1994 **The VLDB Journal — The International Journal on Very Large Data Bases,**
          Volume 3 Issue 2
Publisher: Springer-Verlag New York, Inc.
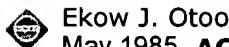Full text available: 🗎 pdf(2.67 MB)   Additional Information: full citation, abstract, references, citings

Deductive databases generalize relational databases by providing support for recursive

views and non-atomic data. Aditi is a deductive system based on the client-server model; it is inherently multi-user and capable of exploiting parallelism on shared-memory multiprocessors. The back-end uses relational technology for efficiency in the management of disk-based data and uses optimization algorithms especially developed for the bottom-up evaluation of logical queries involving recursion. The front ...

Keywords: implementation, logic, multi-user, parallelism, relational database

4   A multidimensional digital hashing scheme for files with composite keys

Ekow J. Otoo

May 1985 **ACM SIGMOD Record , Proceedings of the 1985 ACM SIGMOD international conference on Management of data SIGMOD '85**, Volume 14 Issue 4

Publisher: ACM Press

Full text available: pdf(1.32 MB)   Additional Information: full citation, references, citings, index terms

5   On randomization in sequential and distributed algorithms
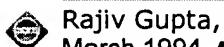
Rajiv Gupta, Scott A. Smolka, Shaji Bhaskar

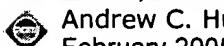March 1994 **ACM Computing Surveys (CSUR)**, Volume 26 Issue 1

Publisher: ACM Press

Full text available: pdf(8.01 MB)   Additional Information: full citation, abstract, references, citings, index terms

Probabilistic, or randomized, algorithms are fast becoming as commonplace as conventional deterministic algorithms. This survey presents five techniques that have been widely used in the design of randomized algorithms. These techniques are illustrated using 12 randomized algorithms—both sequential and distributed— that span a wide range of applications, including: primality testing (a classical problem in number theory), interactive probabilistic proof s ...

Keywords: Byzantine agreement, CSP, analysis of algorithms, computational complexity, dining philosophers problem, distributed algorithms, graph isomorphism, hashing, interactive probabilistic proof systems, leader election, message routing, nearest-neighbors problem, perfect hashing, primality testing, probabilistic techniques, randomized or probabilistic algorithms, randomized quicksort, sequential algorithms, transitive tournaments, universal hashing

6   Cheap recovery: a key to self-managing state

Andrew C. Huang, Armando Fox

February 2005 **ACM Transactions on Storage (TOS)**, Volume 1 Issue 1

Publisher: ACM Press

Full text available: pdf(1.24 MB)   Additional Information: full citation, abstract, references, index terms

Cluster hash tables (CHTs) are key components of many large-scale Internet services due to their highly-scalable performance and the prevalence of the type of data they store. Another advantage of CHTs is that they can be designed to be as self-managing as a cluster of stateless servers. One key to achieving this extreme manageability is reboot-based recovery that is predictably fast and has modest impact on system performance and availability. This "cheap" recovery mechanism simplifies manageme ...

Keywords: Cluster hash table, manageability, quourum replication, storage systems design

7 Computing curricula 2001

September 2001 **Journal on Educational Resources in Computing (JERIC)**
Publisher: ACM Press

Full text available: pdf(613.63 KB)
html(2.78 KB)

Additional Information: full citation, references, citings, index terms

8 LH*RS---a highly-available scalable distributed data structure

Witold Litwin, Rim Moussa, Thomas Schwarz
September 2005 **ACM Transactions on Database Systems (TODS)**, Volume 30 Issue 3
Publisher: ACM Press

Full text available: pdf(774.32 KB)   Additional Information: full citation, abstract, references, index terms

LH*RS is a high-availability scalable distributed data structure (SDDS). An LH*RS file is hash partitioned over the distributed RAM of a multicomputer, for example, a network of PCs, and supports the unavailability of any k ≥ 1 of its server nodes. The value of k transparently grows with the file to offset the reliability decline. Only the number of the storage nodes potentially limits the file growth. The high-availability management uses a novel ...

Keywords: P2P, Scalable distributed data structure, grid computing, high-availability, linear hashing, physical database design

9 External memory algorithms and data structures: dealing with **massive data**

Jeffrey Scott Vitter
June 2001 **ACM Computing Surveys (CSUR)**, Volume 33 Issue 2
Publisher: ACM Press

Full text available: pdf(828.46 KB)   Additional Information: full citation, abstract, references, citings, index terms

Data sets in large applications are often too massive to fit completely inside the computers internal memory. The resulting input/output communication (or I/O) between fast internal memory and slower external memory (such as disks) can be a major performance bottleneck. In this article we survey the state of the art in the design and analysis of external memory (or EM) algorithms and data structures, where the goal is to exploit locality in order to reduce the I/O costs. We consider a varie ...

Keywords: B-tree, I/O, batched, block, disk, dynamic, extendible hashing, external memory, hierarchical memory, multidimensional access methods, multilevel memory, online, out-of-core, secondary storage, sorting

10 A low-bandwidth network file system

Athicha Muthitacharoen, Benjie Chen, David Mazières
October 2001 **ACM SIGOPS Operating Systems Review , Proceedings of the eighteenth ACM symposium on Operating systems principles SOSP '01**, Volume 35 Issue 5
Publisher: ACM Press

Full text available: pdf(1.29 MB)   Additional Information: full citation, abstract, references, citings, index terms

Users rarely consider running network file systems over slow or wide-area networks, as the performance would be unacceptable and the bandwidth consumption too high. Nonetheless, efficient remote file access would often be desirable over such networks--- particularly when high latency makes remote login sessions unresponsive. Rather than

run interactive programs such as editors remotely, users could run the programs locally and manipulate remote files through the file system. To do so, however, wo ...

11 Distributed file organization with scalable cost/performance

Radek Vingralek, Yuri Breitbart, Gerhard Weikum

May 1994 **ACM SIGMOD Record , Proceedings of the 1994 ACM SIGMOD international conference on Management of data SIGMOD '94**, Volume 23 Issue 2

Publisher: ACM Press

Full text available: pdf(1.27 MB)   Additional Information: full citation, abstract, references, citings, index terms

This paper presents a distributed file organization for record-structured, disk-resident files with key-based exact-match access. The file is organized into buckets that are spread across multiple servers, where a server may hold multiple buckets. Client requests are serviced by mapping keys onto buckets and looking up the corresponding server in an address table. Dynamic growth in terms of file size and access load is supported by bucket splits and migration onto other existing or newly ac ...

12 Separating key management from file system security

David Mazières, Michael Kaminsky, M. Frans Kaashoek, Emmett Witchel

December 1999 **ACM SIGOPS Operating Systems Review , Proceedings of the seventeenth ACM symposium on Operating systems principles SOSP '99**, Volume 33 Issue 5

Publisher: ACM Press

Full text available: pdf(1.77 MB)   Additional Information: full citation, abstract, references, citings, index terms

No secure network file system has ever grown to span the Internet. Existing systems all lack adequate key management for security at a global scale. Given the diversity of the Internet, any particular mechanism a file system employs to manage keys will fail to support many types of use. We propose separating key management from file system security, letting the world share a single global file system no matter how individuals manage keys. We present SFS, a secure file system that avoids internal ...

13 Partition based spatial-merge join

Jignesh M. Patel, David J. DeWitt

June 1996 **ACM SIGMOD Record , Proceedings of the 1996 ACM SIGMOD international conference on Management of data SIGMOD '96**, Volume 25 Issue 2

Publisher: ACM Press

Full text available: pdf(1.53 MB)   Additional Information: full citation, abstract, references, citings, index terms

This paper describes PBSM (Partition Based Spatial-Merge), a new algorithm for performing spatial join operation. This algorithm is especially effective when neither of the inputs to the join have an index on the joining attribute. Such a situation could arise if both inputs to the join are intermediate results in a complex query, or in a parallel environment where the inputs must be dynamically redistributed. The PBSM algorithm partitions the inputs into manageable chunks, and joins them using ...

14 Concurrent search structure algorithms

Dennis Shasha, Nathan Goodman

March 1988 **ACM Transactions on Database Systems (TODS)**, Volume 13 Issue 1

Publisher: ACM Press

Full text available: pdf(2.72 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

A dictionary is an abstract data type supporting the actions member, insert, and delete. A

search structure is a data structure used to implement a dictionary. Examples include B trees, hash structures, and unordered lists. Concurrent algorithms on search structures can achieve more parallelism than standard concurrency control methods would suggest, by exploiting the fact that many different search structure states represent one dictionary state. We present a framework for verifying such a ...

15 Manageability, availability, and performance in porcupine: a highly scalable, cluster-based mail service

Yasushi Saito, Brian N. Bershad, Henry M. Levy
August 2000 **ACM Transactions on Computer Systems (TOCS)**, Volume 18 Issue 3
Publisher: ACM Press
Full text available: pdf(2.52 MB)   Additional Information: full citation, abstract, references, index terms

This paper describes the motivation, design and performance of Porcupine, a scalable mail server. The goal of Porcupine is to provide a highly available and scalable electronic mail service using a large cluster of commodity PCs. We designed Porcupine to be easy to manage by emphasizing dynamic load balancing, automatic configuration, and graceful degradation in the presence of failures. Key to the system's manageability, availability, and performance is that sessions, data, and underlying ...

Keywords: cluster, distributed systems, email, group membership protocol, load balancing, replication

16 Optimistic replication

Yasushi Saito, Marc Shapiro
March 2005 **ACM Computing Surveys (CSUR)**, Volume 37 Issue 1
Publisher: ACM Press
Full text available: pdf(656.72 KB)   Additional Information: full citation, abstract, references, index terms

Data replication is a key technology in distributed systems that enables higher availability and performance. This article surveys optimistic replication algorithms. They allow replica contents to diverge in the short term to support concurrent work practices and tolerate failures in low-quality communication links. The importance of such techniques is increasing as collaboration through wide-area and mobile networks becomes popular.Optimistic replication deploys algorithms not seen in tradition ...

Keywords: Replication, disconnected operation, distributed systems, large scale systems, optimistic techniques

17 Affinity-based management of main memory database clusters

Minwen Ji
November 2002 **ACM Transactions on Internet Technology (TOIT)**, Volume 2 Issue 4
Publisher: ACM Press
Full text available: pdf(553.96 KB)   Additional Information: full citation, abstract, references, index terms

We study management strategies for main memory database clusters that are interposed between Internet applications and back-end databases as content caches. The task of management is to allocate data across individual cache databases and to route queries to the appropriate databases for execution. The goal is to maximize effective cache capacity and to minimize synchronization cost. We propose an affinity-based management system for main memory database cLUsters (*ALBUM*). ALBUM executes ea ...

Keywords: Main memory database, clustering, database administration, database cluster, file organization, query affinity, scalability

18 ARIES: a transaction recovery method supporting fine-granularity locking and partial rollbacks using write-ahead logging
C. Mohan, Don Haderle, Bruce Lindsay, Hamid Pirahesh, Peter Schwarz
March 1992 **ACM Transactions on Database Systems (TODS)**, Volume 17 Issue 1
Publisher: ACM Press

Full text available: pdf(5.23 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

DB2TM, IMS, and TandemTM systems. ARIES is applicable not only to database management systems but also to persistent object-oriented languages, recoverable file systems and transaction-based operating systems. ARIES has been implemented, to varying degrees, in IBM's OS/2TM Extended Edition Database Manager, DB2, Workstation Data Save Facility/VM, Starburst and QuickSilver, and in the University of Wisconsin's EXODUS and Gamma d ...

Keywords: buffer management, latching, locking, space management, write-ahead logging

19 Technical reports
SIGACT News Staff
January 1980 **ACM SIGACT News**, Volume 12 Issue 1
Publisher: ACM Press
Full text available: pdf(5.28 MB)   Additional Information: full citation

20 Link and channel measurement: A simple mechanism for capturing and replaying wireless channels
Glenn Judd, Peter Steenkiste
August 2005 **Proceeding of the 2005 ACM SIGCOMM workshop on Experimental approaches to wireless network design and analysis E-WIND '05**
Publisher: ACM Press.
Full text available: pdf(6.06 MB)   Additional Information: full citation, abstract, references, index terms

Physical layer wireless network emulation has the potential to be a powerful experimental tool. An important challenge in physical emulation, and traditional simulation, is to accurately model the wireless channel. In this paper we examine the possibility of using on-card signal strength measurements to capture wireless channel traces. A key advantage of this approach is the simplicity and ubiquity with which these measurements can be obtained since virtually all wireless devices provide the req ...

Keywords: channel capture, emulation, wireless

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next

RESULT LIST
14 results found in the Worldwide database for:
synchronisation in the title AND **records** in the title or abstract
(Results are sorted by date of upload in database)

1   **Apparatus and method for data communication and synchronisation**
Inventor: YACH DAVID PAUL (CA); LINKERT BARRY WARREN (CA); (+6)

Applicant: RES IN MOTION LTD (CA)

EC:

IPC: *G06F7/00; G06F13/00; G06F17/00* (+8)

Publication info: **EP1564657** - 2005-08-17

2   **SYNCHRONISATION OF DATABASES**
Inventor: HODGSON KEVIN (GB)

Applicant: OPENWAVE SYS INC (US); HODGSON KEVIN (GB)

EC: G06F17/30B

IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F17/30

Publication info: **WO0190933** - 2001-11-29

3   **Transmitting encoded data**
Inventor: HO WINGA (CA)

Applicant: MITEL CORP (CA)

EC: H04L1/00B5

IPC: *H04L1/00*; H04L1/16; H04L1/18 (+3)

Publication info: **GB2350984** - 2000-12-13

4   **SYNCHRONISATION PROCESS**
Inventor: BARTHEL HERBERT (DE); FUCHS HEINER (DE); (+1)

Applicant: SIEMENS AG (DE); BARTHEL HERBERT (DE); (+2)

EC: G05B9/03; G05B19/042S; (+1)

IPC: *G05B9/03; G05B19/042; G06F11/16* (+6)

Publication info: **WO9750024** - 1997-12-31

5   **Time synchronisation between central and remote units**
Inventor: GELLER HAIM; COHEN YITZHAK; (+1)

Applicant: MOTOROLA ISRAEL LTD (IL)

EC: H04J3/06C1

IPC: *H04J3/06*; H04L7/04; **H04J3/06** (+2)

Publication info: **GB2278519** - 1994-11-30

6   **Electronic flow regulator for medical transfusion drip control - counts drops administered to patient and uses synchronisation of two LEDs to indicate required flow of fluid to patient**
Inventor: MARTINE DAIGRE

Applicant: DAIGRE MARTINE (FR)

EC: A61M5/168M4

IPC: *A61M5/168*; A61M5/168; (IPC1-7): A61M5/168

Publication info: **FR2689016** - 1993-10-01

7   **Improvements in or relating to the synchronisation of separately running sound and picture records**
Inventor:

Applicant: TELEFUNKEN GMBH

EC: G03B31/04

IPC: *G03B31/04*; G03B31/00

Publication info: **GB856778** - 1960-12-21

8   **Improvements in or relating to the synchronisation of photographic film and sound records**
Inventor:

Applicant: BRUSH DEV CO

EC: G03B31/04

IPC: *G03B31/04*; G03B31/00

Publication info: **GB691472** - 1953-05-13

9   **Improvements in or relating to the synchronisation of sound and picture record carriers**
Inventor:

Applicant: PHILIPS NV

EC: G03B31/00

IPC: *G03B31/00*; G03B31/00

Publication info: **GB427826** - 1935-05-01

10   **Improvements in and relating to the synchronisation of sound recording or reproducing apparatus respectively with picture**

photographing or projection apparatus

Inventor:

EC: G11B3/70

Publication info: GB379367 - 1932-08-29

Applicant: FRANK ALLEN MITCHELL

IPC: *G11B3/70*; G11B3/00

Data supplied from the *esp@cenet* database - Worldwide

RESULT LIST
2 results found in the Worldwide database for:
synchronisation in the title AND **databases** in the title or abstract
(Results are sorted by date of upload in database)

1   SYNCHRONISATION OF DATABASES

Inventor: HODGSON KEVIN (GB)

EC: G06F17/30B

Publication info: **WO0190933** - 2001-11-29

Applicant: OPENWAVE SYS INC (US); HODGSON KEVIN
(GB)

IPC: **G06F17/30**; **G06F17/30**; (IPC1-7): G06F17/30

2   SYNCHRONISATION OF DATABASES

Inventor: HODGSON KEVIN (GB)

EC:

Publication info: **EP1285364** - 2003-02-26

Applicant: OPENWAVE SYS INC (US)

IPC: **G06F17/30**; **G06F17/30**; (IPC1-7): G06F17/30

Data supplied from the *esp@cenet* database - Worldwide

RESULT LIST
9 results found in the Worldwide database for:
synchronisation in the title AND **target** in the title or abstract
(Results are sorted by date of upload in database)

1   Clock synchronisation in an integrated circuit
Inventor: MORRISON ROBERT D (US)   Applicant: HEWLETT PACKARD DEVELOPMENT CO (US)

EC: IPC: *G06F1/08; G06F1/10; G06F1/12* (+13)

Publication info: **GB2405238** - 2005-02-23

2   Scan test apparatus using oversampling for synchronisation
Inventor: WARREN ROBERT GEOFFREY (GB)   Applicant: ST MICROELECTRONICS LTD (GB)

EC: G01R31/3185S4   IPC: *G01R31/3185*; G01R31/3193; **G01R31/28** (+2)

Publication info: **EP1293790** - 2003-03-19

3   Engine speed control for assisting shift synchronisation
Inventor: WADAS DAVID LEONARD (US); WALKER   Applicant: EATON CORP (US)
JAMES MAURICE (US); (+2)
EC: B60K41/08E; F02D31/00B4   IPC: *F02D31/00*; F02D31/00; (IPC1-7): F16H61/04
                                         (+1)

Publication info: **EP1125786** - 2001-08-22

4   Synchronisation in a multicarrier receiver
Inventor: OKUHATA YASUHIDE (JP)   Applicant: KENWOOD CORP (JP)

EC: H04L27/26M5C   IPC: *H04L27/26*; H04L27/26; (IPC1-7): H04L27/26

Publication info: **EP0841787** - 1998-05-13

**5   Synchronisation procedure for transmissions with a constant bit rate
(CBR) in ATM transmission networks and a circuit for executing this
procedure**
Inventor: STADLER BRUNO DIPL-ING (DE); KRAUSE   Applicant: KRONE AG (DE)
OLAF DIPL-ING (DE)
EC: H04J3/06B6   IPC: *H04J3/06*; H04L12/56; **H04J3/06** (+2)

Publication info: **EP0838916** - 1998-04-29

6   Synchronisation method for main gear-shaft of HGV transmission
Inventor: MANZ DIETER (DE)   Applicant: ZAHNRADFABRIK FRIEDRICHSHAFEN (DE)

EC: B60K41/08E; B60K41/28E1; (+2)   IPC: *F16H61/02; F16H61/04*; F16H59/72 (+9)

Publication info: **DE19726567** - 1998-12-24

7   SYNCHRONISATION PROCESS
Inventor: BARTHEL HERBERT (DE); FUCHS HEINER   Applicant: SIEMENS AG (DE); BARTHEL HERBERT (DE);
(DE); (+1)   (+2)
EC: G05B9/03; G05B19/042S; (+1)   IPC: *G05B9/03; G05B19/042; G06F11/16* (+6)

Publication info: **WO9750024** - 1997-12-31

8   Synchronisation control system for servo motors.
Inventor: UEHARA SHINICHIRO (JP); YUASA YASUHIRO Applicant: S G KK (JP)
TAMAGAWADOHRI-J (JP)
EC: G05B19/416   IPC: *G05B19/416*; G05B19/416; (IPC1-7):
                                         G05B19/407 (+1)

Publication info: **EP0414046** - 1991-02-27

9   No English title available
Inventor: TROGUS HUBERT DIPL-ING   Applicant: LICENTIA GMBH

EC: G01S1/02   IPC: *G01S1/02*; G01S1/00; (IPC1-7): G01S9/02

Publication info: **DE1948740** - 1971-04-15

Data supplied from the *esp@cenet* database - Worldwide

RESULT LIST
Approximately **73** results found in the Worldwide database for:
synchronisation in the title AND **source** in the title or abstract
(Results are sorted by date of upload in database)

1 FRAME SYNCHRONISATION SYSTEM

Inventor:

EC: H04J3/06A3; H04L7/04B1

Publication info: **GB1264024** - 1972-02-16

Applicant: INT STANDARD ELECTRIC CORP (US)

IPC: *H04J3/06; H04L7/04*; H04L7/10 (+4)

2 IMPROVEMENTS IN AND RELATING TO PULSE SYNCHRONISATION

Inventor:

EC: G11C27/00; H03K5/00; (+2)

Publication info: **GB1279682** - 1972-06-28

Applicant: CHANDLER EVANS INC (US)

IPC: *G11C27/00; H03K5/00; H03K5/135* (+6)

3 SYNCHRONISATION SYSTEMS

Inventor: BESSIRE JEAN-JACQUES

EC: H02P5/50C; H02P6/08; (+1)

Publication info: **GB1272912** - 1972-05-03

Applicant: H ET J J BESSIRE S A (CH)

IPC: *H02P5/50; H02P6/08; H02P25/02* (+4)

4 Method for temporal synchronisation of at least two measuring computers cooperating over a telecommunication network such as internet, intranet or similar

Inventor: WIDERA RALF (DE); HEIDEMANN CORNELIUS (DE); (+2)

EC: G04G7/00; G06F1/14; (+1)

Publication info: **US2005198240** - 2005-09-08

Applicant: DEUTSCHE TELEKOM AG (DE)

IPC: *G04G7/00; G06F1/14; H04J3/06* (+4)

5 CIRCUIT FOR PRODUCING POTENTIALLY SEPARATED SYNCHRONISATION IMPULSES FROM AN ALTERNATING VOLTAGE NETWORK

Inventor: REITHMAYER FRANZ (AT); IZAAK MARTIN (AT); (+1)

EC: H02M1/08; H03K5/1536; (+1)

Publication info: **WO2005013486** - 2005-02-10

Applicant: SIEMENS AG OESTERREICH (AT); REITHMAYER FRANZ (AT); (+2)

IPC: *H02M1/08*; H02M1/08; (IPC1-7): H03K5/1536 (+1)

6 Packets transported on a video network indicate whether video signals were synchronised with a synchronisation signal at time of packet creation

Inventor: COMPTON MATTHEW (GB); SAUNDERS NICHOLAS IAN (GB)

EC:

Publication info: **GB2412825** - 2005-10-05

Applicant: SONY UK LTD (GB)

IPC: *H04L7/00; H04N11/04*; H04L7/00 (+2)

7 Time synchronisation

Inventor: PIERCY NEIL PHILIP (GB); JOHNSON NICHOLAS DOUGALL (GB)

EC: H04J3/06C1; H04L7/00B

Publication info: **US2004042499** - 2004-03-04

Applicant:

IPC: *H04J3/06; H04L7/00*; H04J3/06 (+2)

8 Time clock synchronisation between a base station and wireless mobile transceivers

Inventor: CHRISTENSEN BENNY (DK); SORENSEN SOREN (DK)

EC: H04B7/26V6D

Publication info: **GB2398970** - 2004-09-01

Applicant: MOTOROLA INC (US)

IPC: *H04B7/26*; H04B7/26; (IPC1-7): H04B7/216

9 Frequency synchronisation of clocks

Inventor: COMPTON MATTHEW (GB); OLDAY STEPHEN CHARLES (GB)

Applicant:

EC: H04J3/06B6; H04N7/62   IPC: *H04J3/06*; *H04J3/06*; (IPC1-7): H04J3/06

Publication info: **US2003174734** - 2003-09-18

10   Remote synchronisation
   Inventor: ANTICO CHRIS (AU); GREEN LESLIE (AU)   Applicant:

   EC: B63B51/00; H05B37/02B6R; (+1)   IPC: *B63B51/00; H05B37/02; H05B37/03* (+4)

   Publication info: **US2004100396** - 2004-05-27

Data supplied from the *esp@cenet* database - Worldwide

RESULT LIST
18 results found in the Worldwide database for:
synchronisation in the title AND **server** in the title or abstract
(Results are sorted by date of upload in database)

1 **HANDHELD DEVICE CONNECTABLE TO A MAIL SERVER USING
WIRELESS NETWORK AND TO A PC USING LOCAL LINK FOR
SYNCHRONISATION**

Inventor: MOORE TERRILL M (US)   Applicant: MOORE COMP CONSULTANTS INC (US)

EC: H04W52/02; H04L12/56B; (+3)   IPC: *H04L12/58*; *H04L12/56*; *H04L29/06* (+7)

Publication info: **CA2532077** - 2005-01-27

2 **TERMINAL AND SERVER FOR THE SYNCHRONISATION OF CONTACT
DATA**

Inventor: SAMAMA THIERRY (FR)   Applicant: THOMSON LICENSING SA (FR)

EC: H04M3/493D   IPC: *H04M3/493*; **H04M3/487**; (IPC1-7):
                                            H04M3/493

Publication info: **EP1636975** - 2006-03-22

3 **EFFICIENT SYNCHRONISATION OF SMART CARD DATA WITH DATA
STORED ON AN EXTERNAL SERVER**

Inventor: LI FENG (CN); LI RUIFENG (CN); (+4)   Applicant: AXALTO SA (FR); LI FENG (CN); (+5)

EC: IPC:

Publication info: **WO2006021841** - 2006-03-02

4 **FILE SYNCHRONISATION**

Inventor: LA PENSEE MARK (GB)   Applicant: NOKIA CORP (FI); LA PENSEE MARK (GB)

EC: IPC: *G06F11/14*; *G06F17/30*; G06F11/14 (+3)

Publication info: **WO2005066836** - 2005-07-21

5 **Method to provide synchronisation notifications to client devices**

Inventor: LIMONT DAVID P (US); MANDA SRINIVASA R   Applicant: MICROSOFT CORP (US)
(US)
EC: G06F17/30B; G06F17/30N   IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F17/30

Publication info: **EP1533717** - 2005-05-25

6 **Synchronisation in a switching data network**

Inventor: STEINDL GUENTER (DE)   Applicant: SIEMENS AG (DE)

EC: H04J3/06C3; G06F1/14; (+1)   IPC: *H04J3/06*; H04J3/06; (IPC1-7): H04J3/06

Publication info: **EP1453230** - 2004-09-01

7 **SYNCHRONISATION OF SECURE AUDIOVISUAL STREAMS**

Inventor: LECOMTE DANIEL (FR); GEORGES   Applicant: MEDIALIVE (FR); LECOMTE DANIEL (FR);
SEBASTIEN (FR)   (+1)
EC: H04N7/167D; H04N7/173B4   IPC: *H04N7/167*; *H04N7/173*; *H04N7/167* (+3)

Publication info: **WO2004056114** - 2004-07-01

8 **Application synchronisation**

Inventor: SCAHILL FRANCIS J (GB); RINGLAND SIMON   Applicant:
P A (GB); (+2)
EC: H04L12/24D1; H04L29/08A7   IPC: *H04L12/24*; *H04L29/08*; **H04L12/24** (+2)

Publication info: **US2004117409** - 2004-06-17

9 **Content server synchronisation**

Inventor: JAHNKE JOERY (DE)   Applicant: SUN MICROSYSTEMS INC (US)

EC: G06F17/30B; G06F17/30W9C   IPC: *G06F17/30*; G06F17/30; (IPC1-7): G06F9/445
                                            (+1)

Publication info: **GB2394809** - 2004-05-05

10 **Multimedia synchronisation method and system**

Inventor: CARTER HARRY NICK (US); COCOCCIA   Applicant: REQUEST MULTIMEDIA (US)

RONALD (US); (+6)

EC: H04L29/06C2; H04N7/24N   IPC: *H04L29/06; H04N7/24*; *G06F11/14* (+4)

Publication info: **GB2379533** - 2003-03-12

Data supplied from the *esp@cenet* database - Worldwide

IEEE Xplore RELEASE 2.1

Welcome United States Patent and Trademark Office

Results for "((synchronization<in>metadata) <and> (hash<in>metadata))<and> (databa..." ☑ e-mail
Your search matched **2** of **1335860** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

Modify Search

`( ( synchronization<in>metadata ) <and> ( hash<in>metadata ) )<and> ( databases<i` [Search]

□ Check to search only within this results set

Display Format: ⦿ Citation ○ Citation & Abstract

[view selected items]   **Select All**   **Deselect All**

□ 1. **Effectiveness of parallel joins**
Seetha Lakshmi, M.; Yu, P.S.;
Knowledge and Data Engineering, IEEE Transactions on
Volume 2, Issue 4, Dec. 1990 Page(s):410 - 424
Digital Object Identifier 10.1109/69.63253

AbstractPlus | Full Text: PDF(1320 KB)   IEEE JNL
Rights and Permissions

□ 2. **Dataflow query execution in a parallel main-memory environment**
Wilschut, A.N.; Apers, P.M.G.;
Parallel and Distributed Information Systems, 1991., Proceedings of the First In
Conference on
4-6 Dec. 1991 Page(s):68 - 77
Digital Object Identifier 10.1109/PDIS.1991.183069

AbstractPlus | Full Text: PDF(852 KB)   IEEE CNF
Rights and Permissions

Help   Contact Us   Privacy & :

Indexed by
Inspec

IEEE Xplore RELEASE 2.1

Welcome United States Patent and Trademark Office

☐ **Search Results**

BROWSE   SEARCH   IEEE XPLORE GUIDE

Results for "((synchronization<in>metadata) <and> (source<in>metadata))<and> (data..."   ☑ e-mail
Your search matched **21** of **1335860** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

Modify Search

((synchronization<in>metadata) <and> (source<in>metadata))<and> (databases   `Search`

☐ Check to search only within this results set

Display Format: ⦿ Citation   ○ Citation & Abstract

`view selected items`   **Select All Deselect All**

☐   1. **ERP5: a next-generation, open-source ERP architecture**
Smets-Solanes, J.-P.; Atem de Carvalho, R.;
IT Professional
Volume 5, Issue 4, July-Aug. 2003 Page(s):38 - 44
Digital Object Identifier 10.1109/MITP.2003.1216231
AbstractPlus | Full Text: PDF(965 KB)   **IEEE JNL**
Rights and Permissions

☐   2. **Using containment information for view evolution in dynamic distributed**
Nica, A.; Rundensteiner, E.A.;
Database and Expert Systems Applications, 1998. Proceedings. Ninth Internat
on
26-28 Aug. 1998 Page(s):212 - 217
Digital Object Identifier 10.1109/DEXA.1998.707405
AbstractPlus | Full Text: PDF(108 KB)   **IEEE CNF**
Rights and Permissions

☐   3. **Synchronization representation and traffic source modeling in orchestrat**
Raghavan, S.V.; Prabhakaran, B.; Tripathi, S.K.;
Selected Areas in Communications, IEEE Journal on
Volume 14, Issue 1, Jan. 1996 Page(s):104 - 113
Digital Object Identifier 10.1109/49.481697
AbstractPlus | References | Full Text: PDF(1036 KB)   **IEEE JNL**
Rights and Permissions

☐   4. **A spatio-temporal semantic model for multimedia database systems and information systems**
Shu-Ching Chen; Kashyap, R.L.;
Knowledge and Data Engineering, IEEE Transactions on
Volume 13, Issue 4, July-Aug. 2001 Page(s):607 - 622
Digital Object Identifier 10.1109/69.940735
AbstractPlus | References | Full Text: PDF(548 KB)   **IEEE JNL**
Rights and Permissions

☐   5. **Synchronization mechanisms for distributed multimedia presentation sys**
Adjeroh, D.A.; Lee, M.C.;
Multi-Media Database Management Systems, 1995. Proceedings., Internationa
28-30 Aug. 1995 Page(s):30 - 37

Digital Object Identifier 10.1109/MMDBMS.1995.520420

AbstractPlus | Full Text: PDF(828 KB)   IEEE CNF
Rights and Permissions

6. **Effectiveness of parallel joins**
   Seetha Lakshmi, M.; Yu, P.S.;
   Knowledge and Data Engineering, IEEE Transactions on
   Volume 2, Issue 4, Dec. 1990 Page(s):410 - 424
   Digital Object Identifier 10.1109/69.63253

   AbstractPlus | Full Text: PDF(1320 KB)   IEEE JNL
   Rights and Permissions

7. **The EVE approach: view synchronization in dynamic distributed environr**
   Lee, A.J.; Nica, A.; Rundensteiner, E.A.;
   Knowledge and Data Engineering, IEEE Transactions on
   Volume 14, Issue 5, Sept.-Oct. 2002 Page(s):931 - 954
   Digital Object Identifier 10.1109/TKDE.2002.1033766

   AbstractPlus | References | Full Text: PDF(489 KB)   IEEE JNL
   Rights and Permissions

8. **Improved file synchronization techniques for maintaining large replicatec over slow networks**
   Suel, T.; Noel, P.; Trendafilov, D.;
   Data Engineering, 2004. Proceedings. 20th International Conference on
   30 March-2 April 2004 Page(s):153 - 164
   Digital Object Identifier 10.1109/ICDE.2004.1319992

   AbstractPlus |'Full Text: PDF(612 KB)   IEEE CNF
   Rights and Permissions

9. **Universal MPEG content access using compressed-domain system strea techniques**
   Ching-Yung Lin; Tseng, B.L.; Smith, J.R.;
   Multimedia and Expo, 2002. ICME '02. Proceedings. 2002 IEEE International (
   Volume 2, 26-29 Aug. 2002 Page(s):73 - 76 vol.2
   Digital Object Identifier 10.1109/ICME.2002.1035419

   AbstractPlus | Full Text: PDF(716 KB)   IEEE CNF
   Rights and Permissions

10. **Whither generic recovery from application faults? A fault study using op< software**
    Chandra, S.; Chen, P.M.;
    Dependable Systems and Networks, 2000. DSN 2000. Proceedings Internatioi on
    25-28 June 2000 Page(s):97 - 106
    Digital Object Identifier 10.1109/ICDSN.2000.857521

    AbstractPlus | Full Text: PDF(156 KB)   IEEE CNF
    Rights and Permissions

11. **Navigation modeling for Force XXI Command and Control simulation**
    Tran, V.; McGowan, J.; Berry, M.; Adametz, J.; Gretzinger, E.;
    Position Location and Navigation Symposium, IEEE 1998
    20-23 April 1998 Page(s):626 - 633
    Digital Object Identifier 10.1109/PLANS.1998.670224

    AbstractPlus | Full Text: PDF(904 KB) · IEEE CNF
    Rights and Permissions

12. **A remote presentation agent for multimedia databases**
    Rody, J.A.; Karmouch, A.;
    Multimedia Computing and Systems, 1995., Proceedings of the International C

15-18 May 1995 Page(s):223 - 230
Digital Object Identifier 10.1109/MMCS.1995.484927

AbstractPlus | Full Text: PDF(696 KB)   IEEE CNF
Rights and Permissions

13. **Synchronization architecture and protocols for a multimedia news servic**
Lamont, L.; Georganas, N.D.;
Multimedia Computing and Systems, 1994., Proceedings of the International C
15-19 May 1994 Page(s):3 - 8
Digital Object Identifier 10.1109/MMCS.1994.292425

AbstractPlus | Full Text: PDF(544 KB)   IEEE CNF
Rights and Permissions

14. **IEEE standard for information technology - POSIX(R) Ada language interf**
binding for system Application Program Interface (API) - amendment 2: p
independent interfaces
IEEE Std 1003.5, 1999 Edition
3 Dec. 1999

AbstractPlus | Full Text: PDF(4440 KB)   IEEE STD

15. **Wave field synthesis with synchronous distributed signal processing**
Pellegrini, R.S.; Rosenthal, M.;
Multimedia Signal Processing, 2004 IEEE 6th Workshop on
29 Sept.-1 Oct. 2004 Page(s):227 - 230
Digital Object Identifier 10.1109/MMSP.2004.1436534

AbstractPlus | Full Text: PDF(1022 KB)   IEEE CNF
Rights and Permissions

16. **Synchronizing XPath views**
Pedersen, D.; Pedersen, T.B.;
Database Engineering and Applications Symposium, 2004. IDEAS '04. Procee
International
7-9 July 2004 Page(s):149 - 160
Digital Object Identifier 10.1109/IDEAS.2004.1319788

AbstractPlus | Full Text: PDF(362 KB)   IEEE CNF
Rights and Permissions

17. **A three-tier architecture for ubiquitous data access**
Helal, S.; Hammer, J.; Zhang, J.; Khushraj, A.;
Computer Systems and Applications, ACS/IEEE International Conference on.
25-29 June 2001 Page(s):177 - 180
Digital Object Identifier 10.1109/AICCSA.2001.933971

AbstractPlus | Full Text: PDF(296 KB)   IEEE CNF
Rights and Permissions

18. **Efficient algorithms for delay-bounded minimum cost path problem in co**
networks
Kumar, G.; Narang, N.; Ravikumar, C.P.;
High Performance Computing, 1998. HIPC '98. 5th International Conference C
17-20 Dec. 1998 Page(s):141 - 146
Digital Object Identifier 10.1109/HIPC.1998.737982

AbstractPlus | Full Text: PDF(256 KB)   IEEE CNF
Rights and Permissions

19. **A presentation agent for a distributed multimedia system over high spee**
Rody, J.A.; Karmouch, A.;
Communications, 1995. ICC 95 Seattle, Gateway to Globalization, 1995 IEEE
Conference on
Volume 1, 18-22 June 1995 Page(s):568 - 572 vol.1

Digital Object Identifier 10.1109/ICC.1995.525232

AbstractPlus | Full Text: PDF(428 KB)   IEEE CNF
Rights and Permissions

20. **Limiting factors of join performance on parallel processors**
Lakshmi, M.S.; Yu, P.S.;
Data Engineering, 1989. Proceedings. Fifth International Conference on
6-10 Feb. 1989 Page(s):488 - 496
Digital Object Identifier 10.1109/ICDE.1989.47254

AbstractPlus | Full Text: PDF(684 KB)   IEEE CNF
Rights and Permissions

21. **A synchronization scheme for distributed multimedia information systen**
Lu, G.J.; Pung, H.K.; Chua, T.S.;
Singapore ICCS/ISITA '92. 'Communications on the Move'
16-20 Nov. 1992 Page(s):1 - 5 vol.1
Digital Object Identifier 10.1109/ICCS.1992.254953

AbstractPlus | Full Text: PDF(336 KB)   IEEE CNF
Rights and Permissions

Help   Contact Us   Privacy & :

Indexed by
Inspec®

IEEE Xplore®
RELEASE 2.1

Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE **SEARCH** **IEEE XPLORE GUIDE**

Results for "((synchronization<in>metadata) <and> (database<in>metadata))<and> (ta..."

☑ e-mail

Your search matched **7** of **1335860** documents.

A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

Modify Search

((synchronization<in>metadata) <and> (database<in>metadata))<and> (target<i| [Search]

☐ Check to search only within this results set

Display Format: ⦿ Citation ◯ Citation & Abstract

[view selected items] **Select All** **Deselect All**

☐ 1. **Intelligent browsing for multimedia applications**
Drummond, C.; Ionescu, D.; Holte, N.; Georganas, N.; Petriu, E.;
Multimedia Computing and Systems, 1996., Proceedings of the Third IEEE Intl
Conference on
17-23 June 1996 Page(s):386 - 389
Digital Object Identifier 10.1109/MMCS.1996.535002

AbstractPlus | Full Text: PDF(424 KB)   **IEEE CNF**
Rights and Permissions

☐ 2. **Multi-thread implementation of a fuzzy neural network for automatic ECG detection**
Ramirez-Rodriguez, C.; Hernandez-Silveira, M.;
Computers in Cardiology 2001
23-26 Sept. 2001 Page(s):297 - 300
Digital Object Identifier 10.1109/CIC.2001.977651

AbstractPlus | Full Text: PDF(358 KB)   **IEEE CNF**
Rights and Permissions

☐ 3. **Soft computing agents for e-Health: A prototype for glaucoma monitoring**
Ulieru, M.;
Fuzzy Information, 2004. Processing NAFIPS '04. IEEE Annual Meeting of the
Volume 1, 27-30 June 2004 Page(s):116 - 119 Vol.1
Digital Object Identifier 10.1109/NAFIPS.2004.1336261

AbstractPlus | Full Text: PDF(395 KB)   **IEEE CNF**
Rights and Permissions

☐ 4. **A hardware and software monitor for high-level system-on-chip verification**
El Shobaki, M.; Lindh, L.;
Quality Electronic Design, 2001 International Symposium on
26-28 March 2001 Page(s):56 - 61
Digital Object Identifier 10.1109/ISQED.2001.915206

AbstractPlus | Full Text: PDF(582 KB)   **IEEE CNF**
Rights and Permissions

☐ 5. **Sync: a Java framework for mobile collaborative applications**
Munson, J.P.; Dewan, P.;
Computer
Volume 30, Issue 6, June 1997 Page(s):59 - 66

Digital Object Identifier 10.1109/2.587549

AbstractPlus | References | Full Text: PDF(628 KB)   IEEE JNL
Rights and Permissions

6. **Deno: a decentralized, peer-to-peer object-replication system for weakly ·
environments**
Cetintemel, U.; Keleher, P.J.; Bhattacharjee, B.; Franklin, M.J.;
Computers, IEEE Transactions on
Volume 52, Issue 7, Jul 2003 Page(s):943 - 959
Digital Object Identifier 10.1109/TC.2003.1214342

AbstractPlus | Full Text: PDF(1531 KB)   IEEE JNL
Rights and Permissions

7. **Derivation and performance of a pipelined transaction processor**
Bennett, A.J.; Kelly, P.H.J.; Paterson, R.A.;
Parallel and Distributed Processing, 1994. Proceedings. Sixth IEEE Symposiui
26-29 Oct. 1994 Page(s):178 - 185
Digital Object Identifier 10.1109/SPDP.1994.346168

AbstractPlus | Full Text: PDF(564 KB)   IEEE CNF
Rights and Permissions

Help   Contact Us   Privacy & ·

Indexed by
⊞ Inspec°

IEEE Xplore ® RELEASE 2.1

Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE   SEARCH   IEEE XPLORE GUIDE

Results for "((synchronization<in>metadata) <and> (databases<in>metadata))<and> (i..."   ☑ e-mail
Your search matched **1** of **1335860** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

Modify Search

((synchronization<in>metadata) <and> (databases<in>metadata))<and> (identifi   Search

☐ Check to search only within this results set

Display Format: ⊙ Citation   ○ Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

[view selected items]   **Select All Deselect All**

☐   1. **Key Exchange (KX) - a next generation protocol to synchronise PGP Key**
von Bidder, A.; Weiler, N.;
Enabling Technologies: Infrastructure for Collaborative Enterprises, 2003. WE
Proceedings. Twelfth IEEE International Workshops on
9-11 June 2003 Page(s):249 - 254

AbstractPlus | Full Text: PDF(257 KB)   **IEEE CNF**
Rights and Permissions

Help   Contact Us   Privacy &

Indexed by
Inspec

IEEE Xplore® RELEASE 2.1

Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE · SEARCH IEEE XPLORE GUIDE

Results for "((synchronization<in>metadata) <and> (databases<in>metadata))"
Your search matched **296** of **1335860** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

☑ e-mail

» Search Options

View Session History

New Search

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

Modify Search

| ((synchronization<in>metadata) <and> (databases<in>metadata)) | **Search** |

☐ Check to search only within this results set

Display Format: ◉ Citation   ○ Citation & Abstract

[**view selected items**]   **Select All Deselect All**   View: **1-25** | 26-5

☐ 1. **PressBase : A Presentation Synchronization Database for Distributed Mu Systems**
Aygun, R.S.; Patil, A.S.;
Multimedia, IEEE Transactions on
Volume 8, Issue 2, April 2006 Page(s):289 - 296
Digital Object Identifier 10.1109/TMM.2005.864275

AbstractPlus | Full Text: PDF(408 KB)   **IEEE JNL**
Rights and Permissions

☐ 2. **The partitioned synchronization rule for planar extendible partial orders**
Ammann, P.; Atluri, V.; Jajodia, S.;
Knowledge and Data Engineering, IEEE Transactions on
Volume 7, Issue 5, Oct. 1995 Page(s):797 - 808
Digital Object Identifier 10.1109/69.469819

AbstractPlus | References | Full Text: PDF(1156 KB)   **IEEE JNL**
Rights and Permissions

☐ 3. **Database synchronisation in military command and control systems**
Ramsden, R.J.;
Information-Decision-Action Systems in Complex Organisations, 1992., Interna
Conference on
6-8 Apr 1992 Page(s):115 - 117

AbstractPlus | Full Text: PDF(172 KB)   **IEE CNF**

☐ 4. **Synchronization of mobile XML databases by utilizing deferred views**
Miller, K.; Gee, C.; Inaba, R.; Ozyer, T.; Lo, A.; Alhajj, R.;
Information Reuse and Integration, 2004. IRI 2004. Proceedings of the 2004 IE
Conference on
8-10 Nov. 2004 Page(s):186 - 191
Digital Object Identifier 10.1109/IRI.2004.1431458

AbstractPlus | Full Text: PDF(2059 KB)   **IEEE CNF**
Rights and Permissions

☐ 5. **Persistent object synchronization with active relational databases**
Porto, F.A.M.; Carvalho, S.R.; Vianna e Silva, M.J.; Melo, R.N.;
Technology of Object-Oriented Languages and Systems, 1999. TOOLS 30. Pr
1-5 Aug. 1999 Page(s):53 - 62
Digital Object Identifier 10.1109/TOOLS.1999.787606

AbstractPlus | Full Text: PDF(192 KB)   IEEE CNF
Rights and Permissions

6. **Database replication and synchronization for longitudinal monitoring of I**
Magrabi, F.; Lovell, N.H.; Celler, B.G.;
[Engineering in Medicine and Biology, 1999. 21st Annual Conf. and the 1999 A
Meeting of the Biomedical Engineering Soc.] BMES/EMBS Conference, 1999.
the First Joint
Volume 2, 13-16 Oct. 1999 Page(s):1230 vol.2
Digital Object Identifier 10.1109/IEMBS.1999.804396

AbstractPlus | Full Text: PDF(64 KB)   IEEE CNF
Rights and Permissions

7. **Synchronization and storage models for multimedia objects**
Little, T.D.C.; Ghafoor, A.;
Selected Areas in Communications, IEEE Journal on
Volume 8, Issue 3, April 1990 Page(s):413 - 427
Digital Object Identifier 10.1109/49.53017

AbstractPlus | Full Text: PDF(1348 KB)   IEEE JNL
Rights and Permissions

8. **Response time driven multimedia data objects allocation for browsing dc
distributed environments**
Siu-Kai So; Ahmad, I.; Karlapalem, K.;
Knowledge and Data Engineering, IEEE Transactions on
Volume 11, Issue 3, May-June 1999 Page(s):386 - 405
Digital Object Identifier 10.1109/69.774100

AbstractPlus | References | Full Text: PDF(704 KB)   IEEE JNL
Rights and Permissions

9. **Optimistic pull based replication for mobile databases**
Itani, Z.; Diab, H.; Artail, H.;
Wireless Networks, Communications and Mobile Computing, 2005 Internationa
Volume 2, 13-16 June 2005 Page(s):895 - 900 vol.2
Digital Object Identifier 10.1109/WIRLES.2005.1549531

AbstractPlus | Full Text: PDF(3896 KB)   IEEE CNF
Rights and Permissions

10. **Efficient pull based replication and synchronization for mobile databases**
Itani, Z.; Diab, H.; Artail, H.;
Pervasive Services, 2005. ICPS '05. Proceedings. International Conference or
11-14 July 2005 Page(s):401 - 404
Digital Object Identifier 10.1109/PERSER.2005.1506554

AbstractPlus | Full Text: PDF(266 KB)   IEEE CNF
Rights and Permissions

11. **Automatic data exchange and synchronization for knowledge-based intel
environments**
Heumer, G.; Schilling, M.; Latoschik, M.E.;
Virtual Reality, 2005. Proceedings. VR 2005. IEEE
12-16 March 2005 Page(s):43 - 50
Digital Object Identifier 10.1109/VR.2005.1492752

AbstractPlus | Full Text: PDF(559 KB)   IEEE CNF
Rights and Permissions

12. **OSPF-style database exchange and reliable synchronization in the optim
routing protocol**
Clausen, T.; Baccelli, E.; Jacquet, P.;
Sensor and Ad Hoc Communications and Networks, 2004. IEEE SECON 2004

Annual IEEE Communications Society Conference on
4-7 Oct. 2004 Page(s):227 - 234
Digital Object Identifier 10.1109/SAHCN.2004.1381921

AbstractPlus | Full Text: PDF(529 KB)   IEEE CNF
Rights and Permissions

13. **Clustering fuzzy sets with application to image database categorization**
Frigui, H.; Boujemaa, N.;
Fuzzy Systems, 2003. FUZZ '03. The 12th IEEE International Conference on
Volume 2, 25-28 May 2003 Page(s):1182 - 1187 vol.2
Digital Object Identifier 10.1109/FUZZ.2003.1206599

AbstractPlus | Full Text: PDF(504 KB)   IEEE CNF
Rights and Permissions

14. **Locking with different granularities for reads and writes in an MVM syste**
Bodorik, P.; Jutla, D.; Slonim, J.; Agarwal, A.;
Database Engineering and Applications, 1999. IDEAS '99. International Symp(
Proceedings
2-4 Aug. 1999 Page(s):311 - 320
Digital Object Identifier 10.1109/IDEAS.1999.787281

AbstractPlus | Full Text: PDF(100 KB)   IEEE CNF
Rights and Permissions

15. **A formal specification strategy for electronic commerce**
Ehikioya, S.A.; Barker, K.;
Database Engineering and Applications Symposium, 1997. IDEAS '97. Procee
International
25-27 Aug. 1997 Page(s):201 - 210
Digital Object Identifier 10.1109/IDEAS.1997.625676

AbstractPlus | Full Text: PDF(840 KB)   IEEE CNF
Rights and Permissions

16. **Attribute inheritance implemented on top of a relational database system**
Bottcher, S.;
Data Engineering, 1990. Proceedings. Sixth International Conference on
5-9 Feb. 1990 Page(s):503 - 509
Digital Object Identifier 10.1109/ICDE.1990.113504

AbstractPlus | Full Text: PDF(428 KB)   IEEE CNF
Rights and Permissions

17. **Update transport: a new technique for update synchronization in replicat
systems**
Singhal, M.;
Software Engineering, IEEE Transactions on
Volume 16, Issue 12, Dec. 1990 Page(s):1325 - 1336
Digital Object Identifier 10.1109/32.62441

AbstractPlus | Full Text: PDF(1204 KB)   IEEE JNL
Rights and Permissions

18. **Investigating data synchronization in a mobile learning network with han**
Vincent Tam, V.; Barbara Yin;
Information Technology: Research and Education, 2003. Proceedings. ITRE2(
Conference on
11-13 Aug. 2003 Page(s):296 - 300
Digital Object Identifier 10.1109/ITRE.2003.1270625

AbstractPlus | Full Text: PDF(460 KB)   IEEE CNF
Rights and Permissions

19. **Multimedia synchronization system for MPEG video based on quality of**

☐ Ichikawa, A.; Yoshida, T.; Yamaoka, K.; Sakai, Y.;
Multimedia Computing and Systems, 1996., Proceedings of the Third IEEE Int
Conference on
17-23 June 1996 Page(s):390 - 393
Digital Object Identifier 10.1109/MMCS.1996.535003

AbstractPlus | Full Text: PDF(384 KB)   IEEE CNF
Rights and Permissions

☐ **20. Multimedia objects models for synchronization and databases**
Little, T.D.C.; Ghafoor, A.;
Data Engineering, 1990. Proceedings. Sixth International Conference on
5-9 Feb. 1990 Page(s):20 - 27
Digital Object Identifier 10.1109/ICDE.1990.113450

AbstractPlus | Full Text: PDF(724 KB)   IEEE CNF
Rights and Permissions

☐ **21. Modular synchronization in distributed, multiversion databases: version
concurrency control**
Agrawal, D.; Sengupta, S.;
Knowledge and Data Engineering, IEEE Transactions on
Volume 5, Issue 1, Feb. 1993 Page(s):126 - 137
Digital Object Identifier 10.1109/69.204097

AbstractPlus | Full Text: PDF(1208 KB)   IEEE JNL
Rights and Permissions

☐ **22. Synchronization of multimedia data for a multimedia news-on-demand ap**
Lamont, L.; Li, L.; Brimont, R.; Georganas, N.D.;
Selected Areas in Communications, IEEE Journal on
Volume 14, Issue 1, Jan. 1996 Page(s):264 - 278
Digital Object Identifier 10.1109/49.481710

AbstractPlus | References | Full Text: PDF(1536 KB)   IEEE JNL
Rights and Permissions

☐ **23. A spatio-temporal semantic model for multimedia database systems and
information systems**
Shu-Ching Chen; Kashyap, R.L.;
Knowledge and Data Engineering, IEEE Transactions on
Volume 13, Issue 4, July-Aug. 2001 Page(s):607 - 622
Digital Object Identifier 10.1109/69.940735

AbstractPlus | References | Full Text: PDF(548 KB)   IEEE JNL
Rights and Permissions

☐ **24. A model for secure multimedia document database system in a distribute**
Joshi, J.B.D.; Zhaohui Kevin Li; Fahmi, H.; Shafiq, B.; Ghafoor, A.;
Multimedia, IEEE Transactions on
Volume 4, Issue 2, June 2002 Page(s):215 - 234
Digital Object Identifier 10.1109/TMM.2002.1017735

AbstractPlus | References | Full Text: PDF(654 KB)   IEEE JNL
Rights and Permissions

☐ **25. ERP5: a next-generation, open-source ERP architecture**
Smets-Solanes, J.-P.; Atem de Carvalho, R.;
IT Professional
Volume 5, Issue 4, July-Aug. 2003 Page(s):38 - 44
Digital Object Identifier 10.1109/MITP.2003.1216231

AbstractPlus | Full Text: PDF(965 KB)   IEEE JNL
Rights and Permissions

Indexed by
ⅢInspec˙

IEEE *Xplore* ℗
RELEASE 2.1

Welcome United States Patent and Trademark Office

☐ **Search Session History**

BROWSE   SEARCH   IEEE XPLORE GUIDE

Thu, 6 Apr 2006, 12:32:49 PM EST

Edit an existing query or
compose a new query in the
Search Query Display.

**Select a search number (#)
to:**

- Add a query to the Search
  Query Display
- Combine search queries
  using AND, OR, or NOT
- Delete a search
- Run a search

Search Query Display

[   ]

[Run Search] [Reset]

Recent Search Queries

#1   ((synchronization<in>metadata) <and> (hash<in>metadata))
       <and> (databases<in>metadata)

#2   ((synchronization<in>metadata) <and>
       (source<in>metadata))<and> (databases<in>metadata)

#3   ((synchronization<in>metadata) <and>
       (source<in>metadata))<and> (target<in>metadata)

#4   ((synchronization<in>metadata) <and>
       (database<in>metadata))<and> (target<in>metadata)

#5   ((synchronization<in>metadata) <and>
       (dataset<in>metadata))<and> (target<in>metadata)

#6   ((synchronization<in>metadata) <and>
       (dataset<in>metadata))<and> (identifiers<in>metadata)

#7   ((synchronization<in>metadata) <and>
       (databases<in>metadata))<and> (identifiers<in>metadata)

#8   ((synchronization<in>metadata) <and>
       (databases<in>metadata))<and> (matching<in>metadata)

#9   ((synchronization<in>metadata) <and>
       (databases<in>metadata))

#10   ((synchronization<in>metadata) <and>
       (databases<in>metadata))

#11   ((synchronization<in>metadata) <and>
       (databases<in>metadata))

#12   ((synchronization<in>metadata) <and>
       (databases<in>metadata))

#13   ((synchronization<in>metadata) <and>
       (databases<in>metadata))

#14   ((synchronization<in>metadata) <and>
       (databases<in>metadata))

#15   ((synchronization<in>metadata) <and>
       (databases<in>metadata))

#16   ((synchronization<in>metadata) <and> (databases<in>metadata))

Clear Search History